



The Turning Point

In this issue:

| | |
|---------------------------|----|
| President's Message | 2 |
| Meeting Notes | 3 |
| Show and tell | 6 |
| Raffle results | 7 |
| Library Report | 8 |
| From Members | 8 |
| Dremel modification | 8 |
| Ford's Awesome duplicator | 12 |
| Calendar | 14 |
| Executive | 15 |



The next meeting of the Nova Woodturners' Guild is at

Lee Valley Tools

100 Susie Lake Crescent, Halifax, N.S.

October 15, 2018. 6:15 p.m.

The next meeting will feature

Steven Zwerling

Sharpening turning tools

The President's Message October 2018

Gary Landry

Another year of meetings have begun. The September meeting, as are all initial meeting of the year, was busy from one end to the other.

Business conducted included an updated Financial Report for last year, our current year's proposed budget and discussion on using a software package to track our income and expenses going forward. The Financial Report and propose budget were passed by the members and permission was given by the membership to investigate the features available and costs of accounting software packages. Also discussed was the need for a camera to record activities (especially demos) so they can be viewed by members who missed a meeting or needed a refresher on the techniques/hints in a demo. Members voted to allocate a maximum of \$400 on this purchase.

Dave McLachlan received membership forms and dues from almost 40 members. It was notable that a couple of familiar faces that were missing over the past one or two years were in attendance. A very warm welcome is extended to them as well as to the couple of new members who also came in. We expect that some perennial members who were not in attendance at this meeting will be coming in soon and re-joining the Guild, thus boosting our membership count.

Jim Diamond and Richard Ford handled the ins and outs of books, magazines, DVDs and tools. And Yogi Gutz stepped in for Norm Jolivet and handled the raffle sales and draws.

Bill Luther gave a presentation to the attending members on the topic of "Shop Setup and Maintenance". Delving into his long association with power tools and the fact he has set up and moved his personal shop several times, Bill gave a comprehensive talk on what tricks and techniques he has learned over the years.

The meeting closed with a Show and Tell session and the raffle draws.

Members are reminded that our next meeting (October 15, 2018) will feature a presentation by Stephen Zwerling on "Sharpening Turning Tools".

See you all on the 15th. Be there or be square...uh, I mean dull.

Gary Landry

Meeting Notes

September 17, 2018

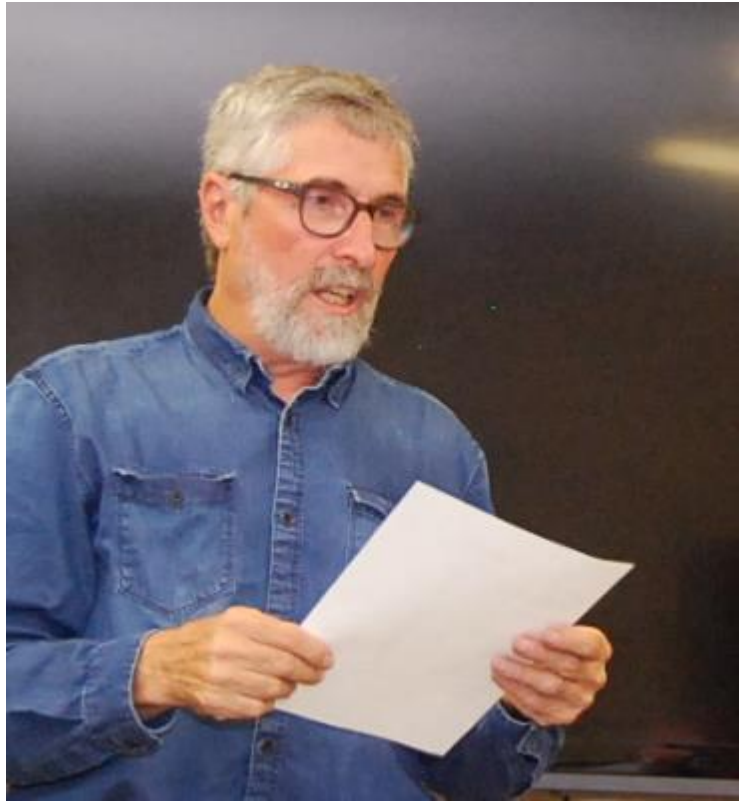
Bill Maes



Gary Landry, President, asked any new members or visitors to present themselves: Bryan Drummond of Indian Point has elected to become a new member and Ashia LeBlanc, a high school student, plans to become a member possibly at the next meeting.

GUILD FINANCES

The main agenda item was the presentation of NWG Finances for 2016/17, 2017/18 and the proposed budget for 2018/19 by Dave McLachlan, Treasurer with the assistance of Dianne Looker. The NWG Finances for 2016/17, 2017/18 were presented first.



The closing bank balance for 2017/18 was \$3973.79 and Savings of \$2057.09. There is an outstanding amount of \$245 to be paid to Feed Nova Scotia as part of the Guild's donation commitment and a refund of \$40 for a membership fee that was mistakenly paid twice. Some extra expenses were incurred for the purchase of a lathe stand (\$168) and magazine subscriptions (\$260.59). It should be noted that magazine expenses occur often on a 2 year cycle so that the library expense fluctuates somewhat from year to year.

Moved the NWG Finances 2016/17,2017/18 be accepted as presented, Dianne Looker; Seconded, Bill Luther. Motion was approved by the membership.

The proposed budget for 2018/19 was presented next. AAW membership fees of \$250 have been included in the 2018/19 budget to cover mandatory membership of the Executive in the AAW. This year, however, the Executive individually have elected to subscribe, leaving a credit to cover other unanticipated expenses. An amount of \$495 was included in the budget to cover insurance although it was noted this amount could jump to \$595 depending on further communication with our insurer. It was also noted no expenses were included to cover the costs of a presenter such as Ashley Harwood should one be desired by the members. It is

assumed such costs will be covered by charging a small fee to those wishing to attend such a presentation as was the case with the Ashley Harwood presentation.

There was some discussion of the ending of the Guild's fiscal year which for the last three years has been June 30th. The bylaws, as pointed out by Dianne Looker, state, however, that the fiscal year end for the Guild is May 31st. The Treasurer concluded that henceforth the Guild will conform to the dates provided in the bylaws.

Moved that the 2018/19 budget be accepted as presented, David McLachlan; Seconded, Jim Diamond. Motion was approved by the membership.

Copies of the NWG Finances 2016/17, 2017/18 and the 2018/19 Budget were made available to those attending the meeting.



VIDEO CAMERA

The 2018/19 Budget included \$400 for the purchase of a new video camera pending approval of the membership. The current video camera no longer records so that presentations cannot be saved for future viewings or to be added to the website. It was moved by Gary Landry that the Guild purchase a new video camera. Seconded by Dave McLachlan. The motion was approved by the membership.

GUILD FINANCIAL INFORMATION

At the meeting of the Executive in early August it was suggested that a proposal be made to the membership to henceforth keep the Guild's books online. This would allow for a more up-to-date record of our finances and provide greater security of records.

After some discussion of the pros and cons of various programs and spreadsheets which included a recommendation by Bryan Drummond to consider "Simply Accounting", it was moved by Gary Landry and seconded by Robert Atkinson that the Executive pursue the acquisition of appropriate software which is system neutral. The Motion was approved by the membership. Ed Benoit, who has a company with a license for accounting software with multiple installations allowed, will assist in the acquisition of appropriate software and obtaining the best deal.

GUILD WEBSITE

The online forums of the website have been revamped to allow the posing and response to questions by members. This is meant to foster communications and increase interest on behalf of potential new members.

ANNUAL COMPETITION

Lee Valley will again be sponsoring turning events and a competition display from March 27 to April 13, 2019. Drop off for entries will close on March 23rd. The results of the competition will be announced at a meeting on the afternoon of April 13th. The last regular meeting which would normally be held on April 15th remains to be determined.

MEETING PRESENTATION



Bill Luther, formerly of Busy Bee Tools, made a presentation on shop organization/set up and safety. Unfortunately, the television / camera connection could not be enabled so there is no recording of the presentation.

Shop set up:

- Ensure there is adequate electricity for present and future machinery; consider 220 volt when making improvements as equipment will run more effectively with little or no increase in cost
- Improve lighting: there are many new and good lighting options with LED's being safer in the shop
- Make sure your shop is work friendly with tools close to hand and large power tools on wheels (dragging large tools typically made of cast iron can lead to damage and also strain on the individual). Also, be aware that cast iron becomes more brittle in unheated work spaces and sweats when moved to heated spaces.
- Use wooden mallets where possible in dealing with equipment

- Keep manuals, logs and instructions close to machinery; make sure your machinery is properly maintained on a schedule
- Use link belts rather than standard belts where possible on machinery. It cuts down on vibration and makes belt changing much simpler.
- On variable speed equipment do not use compressed air to clean the circuit board area. It will blow the circuitry.

Safety:

- Be sure to clean and wax all equipment beds well. A build up of rust and dirt will impair the movement of materials through the implement and possibly cause an accident (Bill uses "Mothers Wax", 4 or 5 coats)
- Do not work with loose clothing or jewelry on your hands
- Use proper respirators and eye and ear protection; do not skimp on the purchase of safety gear!
- Watch for children, guests or other distractions in your shop
- During a power failure remember to turn off all equipment so that it will not start inadvertently when power is restored. Modern magnetic switched equipment will shut off automatically.



- Do not operate equipment when tired
- Have a flashlight handy or some automatic lighting in case of a power outage
- Keep a phone or some communication device handy in case of an accident
- Use steel garbage cans for the storage of oily rags, etc.
- If you use dust control equipment make sure it is properly grounded: the fine dust in collection bags and floating in the shop can readily combust.
- Be careful of wood toxicity. Check The Wood Database for toxicity levels in woods

SHOW AND TELL



Lowell Jenkins presented a small beech vase using Richard Ford's "secret" formula for a finish.



Robert Atkinson showed off a small bowl made from coloured pencils encased in acrylic.



Yogi Gutz showed a pen he had made from a 50 caliber shell casing.

Richard Ford showed a small gavel to demonstrate a simple duplicating device he had engineered.



John Ashton—bowl blank
Joe Crouse—book
Henderson Allen—book

Meeting adjourned at 8:35 p.m.

Library Report

Richard Ford

| ISSUE DATE | NAME | ID # | DESCRIPTION | AUTHOR |
|---------------|--------------|-------|--|----------------|
| Date | Name | Book | | Author |
| 18. Jun. 2018 | Darren Eisan | 070BR | Turning Projects | Richard Raffan |
| 18. Jun. 2018 | Darren Eisan | 076BX | The Woodturners' Workbook | Ray Key |
| 18. Jun. 2018 | Darren Eisan | 082BD | Woodturning Projects: A Workshop Guide to Shapes | Mark Baker |

From members

Dremel Flex Shaft modification. Don Moore

As mentioned during the September NWG meeting there is a serious potential disaster within the design of the Dremel Flex Shaft attachment. It can lead to wear on the shaft – see photo below. Compare with the photo a little further down that has no wear.



The issue is with the “Locking System” and the eventual weakness of the spring in supporting the “lock”... This constant “grinding” action will inevitably, in time, cause the driveshaft to be

severed in two, a costly unnecessary \$50.00 loss is possible...



This pic shows the 'Lock Ball' and spring that has to be removed from the handle section.

e



This is a drive shaft in good condition, notice there is no wear in the area where the hole is drilled that accepts the locking button.



This shows the “coil” spring and flange being removed... the cap at the front of the handle has to be unscrewed as well and there is also a small flange to be removed.

(note)... the shoulder of these flanges butt up to the handle housing when reinstalled...



This is a view of the disassembled Dremel Flex Shaft... Most models use two Phillips screws to connect the two housings, others models use Torx screws.



Same view, different angle. Starting from the Top... Spring and Ball needing to be removed, 2nd Row... End Cap, Flange clip, two locking screws, nylon bearing, Flange and Coil Spring. 3rd Row... Drive shaft, interior spring and casing. 4th Row... Both halves of Body Housing, (first

inverted section shows where the two screws are located.

This photo shows one assembled Dremel Flex Shaft Handle and one dis-assembled, showing where the various components go.



Once reassembled and I want to use the tool with a different “bit”, I “lock” the tool by inserting a small metal rod into the hole in the driveshaft via the opening where the lock ball originally was.

There is one more thing required... normally there is a Nut Cap installed on the Dremel tool its self that allows the cable to freely pass through (it doesn't lock) as you connect the Flex Shaft to the tool itself, but because we require access of the hole in the driveshaft handle, we cannot allow this area to be blocked by the cable. Simply replace this original Nut Cap with one that uses a Collet lock. Keep adjusting the length inserted into the collet lock until the end of the cable clears the hole allowing the rod to now be inserted. Tighten the collet nut securely and issue resolved . . .

Don Moore

Ford's Awesome Duplicator. Richard Ford

A few months ago I was visiting a good friend and fellow woodturner, I had taken my buffing table over and I was showing him how I used it on his lathe, and how it helped me make buffing safer and easier. As often happens we got talking about problems we were having. My friend was making some small columns for some stands and wanted them to be identical on each stand. This took a lot of measuring and concentration then the sorting out and matching them up as pairs. Apparently, there was a growing pile that didn't match exactly with any other. We got to wondering if there was a good copying rig that could possibly solve the problem. That was when I suddenly realized the table I was using for buffing would be ideal for developing a copier that I had thought up a few years ago. the table was adjustable in all directions and could easily be locked in any position. It had been the lack of an adjustable table that had stopped me pursuing a copier previously.

Well that was the start of the FAD Ford's Awsome Duplicator.

I had a few goals:

1: I wanted it to be able to use a turned object as the master or template, I thought that would be better than having to make a flat template only to find out it didn't produce exactly what you wanted. So, this way you turn the perfect piece then you can use it for your template.

2: The cutter had to be as rigid as possible as well as easy to move around.

I mounted the cutter at the base of the holder (less tippy) with the stylus at the top. I have experimented with different materials on the holder and table top, I am currently using High Density Polly on the holder and Teflon coated steel on the table top, (Cut from a baking tray).

It is working very well but I don't think I'm done trying new combinations.

I also put side supports between the table and lathe bed to firm it up.

3: The cutter needed to be easy to sharpen and maintain while providing a ready to sand finish.

To achieve this I am using 2 cutters I have recently developed. 1. My brush gouge this is used here as a negative rake scraper. and 2. my smoothing scraper to produce a ready for sanding finish while smoothing any hesitation marks and sharpening any fine details.

This is an ongoing project and after establishing the table position I have moved to a fixed table that slides on the lathe bed with a key to keep it centered.

I am currently making a new table which will have removable/replaceable side supports that will allow me to use is on different lathes.

The journey continues.

Richard Ford...



Here I am roughing out the profile.
Note how the normally annoying shavings are being redirected into my dust collection pipe.



Here I am refining the profile and smoothing any hesitation marks with my Smoothing Scraper.



Ready for sanding and buffing....

Richard Ford

Calendar of Events

| Date | Subject | Location |
|--------------------|--|---|
| September 17, 2018 | Financial statement Review Lathe & Workshop Setup & Maintenance Bill Luther | Lee Valley Tools, 100 Susie Lake Crescent |
| October 15, 2018 | Sharpening Turning Tools, Steven Zwerling | Lee Valley Tools, 100 Susie Lake Crescent |
| November 19, 2018 | "2x2" challenge Fitting Boxes: Lids & Liners Steven Kennard | Lee Valley Tools, 100 Susie Lake Crescent |
| December ?, 2018 | Christmas Social | Halifax Specialty Hardwoods, 112 Bluewater Rd. Bedford |
| January 21, 2019 | Jigs for Segmented Turning Dave McLachlan | Lee Valley Tools, 100 Susie Lake Crescent |
| February 11, 2019 | Finishing Well: Finishes and Sanding TBA | Lee Valley Tools, 100 Susie Lake Crescent |
| March 18, 2019 | Jigs, Fixtures, Hacks & Tips TBA | Lee Valley Tools, 100 Susie Lake Crescent |
| April 13, 2018 | Awards Day Lee Valley | Lee Valley Tools, 100 Susie Lake Crescent |
| April 15, 2019 | Software for Turners Steven Parsons / Gordon Marshall Show & tell – competition pieces | Lee Valley Tools, 100 Susie Lake Crescent |
| May 13, 2019 | Bandsaw Epoxy Inlays Dianne Looker | Lee Valley Tools, 100 Susie Lake Crescent |
| June 19, 2018 | AGM | Lee Valley Tools, 100 Susie Lake Crescent |

Nova Woodturners' Guild – 2017/18 Executive

Our e-mail now reflects a more consistent method of communicating with the various offices in the Nova Woodturners' Guild. The recipients will change as the need arises but a note sent to the president will go to whoever is president at that time. All the following addresses should be followed by @novawoodturnersguild.com to send mail to that person

Position <address>@novawoodturnersguild.com Name Chairperson

ADDRESS

Executive executive (sends the message to all positions on the list)

| | | | |
|-----------------------|----------------|----------------|--|
| President | president | Gary Landry | |
| Vice President | vice-president | Bill Maes | |
| Secretary | secretary | Calum Ewing | |
| Treasurer | treasurer | Dave McLachlan | |

| | | | |
|-------------------------|------------------|-------------|--|
| Members at Large | members-at-large | Bill Luther | |
|-------------------------|------------------|-------------|--|

Committees

| | | | |
|----------------|---------|--------------|----------|
| Library | library | Jim Diamond | C |
| | | Richard Ford | |

| | | | |
|----------------|-----------|--------------|----------|
| Website | webmaster | Richard Ford | C |
|----------------|-----------|--------------|----------|

| | | | |
|-----------------------------------|------------------|--------------|----------|
| Membership & Promotion | membership-chair | Brian Larter | C |
|-----------------------------------|------------------|--------------|----------|

| | | | |
|-------------------|------------|---------------|----------|
| Newsletter | newsletter | Dianne Looker | C |
|-------------------|------------|---------------|----------|

| | | | |
|--------------------|--|----------------|----------|
| Competition | | Dave McLachlan | C |
|--------------------|--|----------------|----------|

| | | | |
|---------------------------|--|--------------|--|
| Guild Photographer | | Chris Palmer | |
|---------------------------|--|--------------|--|

| | | | |
|---------------------|--|----------------------------------|--|
| Fund Raising | | Norm Jolivet (Raffles) Yogi Gutz | |
|---------------------|--|----------------------------------|--|

| | | | |
|-------------------|--|-----------|----------|
| Nominating | | Bill Maes | C |
|-------------------|--|-----------|----------|